GEOLOGICAL JOURNAL

CONTENTS

Volume 25, Issue Nos 1–4

Issue No. 1, January–March 1990

Cryptic Exposure Horizons in the Carboniferous Limestone of Portishead, Avon: T. J. Faulkner, V. P. Wright, C. Peeters and L. Garvie 1

Strain Fields and Foliation Trajectories Around Pre-, Syn-, and Post-Tectonic Plutons in Coaxially Deformed Terranes: N. Mandal and C. Chakraborty 19

The Moel-y-Golfa Andesite: an Ordovician (Caradoc) Intrusion into Unconsolidated Conglomeratic Sediments, Breidden Hills Inlier, Welsh Borderland: R. J. Dixon 35

A Sedimentological Study of Diamondiferous Quaternary Sediments in Southern Shandong, China: P. N. Dobbs, G. Yaping, H. Siyi, L. Jianrong, L. Lianquan, Z. Jinsong, Z. Xiongying and J. W. Harris 47

BOOK REVIEWS 61

Issue No. 2, April–June 1990

Depositional Environments in the Telychian Stage (Silurian) of the Central Oslo Region, Norway: B. G. Baarli 65

Tide versus Storm in Epeiric Coastal Deposition: Two Proterozoic Sequences, India: P. K. Bose and A. K. Chaudhuri 81

Stratigraphy and Sedimentology of Lower Carboniferous (Dinantian) Boreholes from West Co. Meath, Ireland: P. Strogen, G. Li Jones and I. D. Somerville 103

Sediment Dynamics of Early Carboniferous Ramps: a Proposal: V. P. Wright and T. J. Faulkner 139

The Stratigraphy and Structure of the Galley Head Culmination Zone: an Area of Enhanced Shortening Related to Basin Geometry within the Irish Variscides: M. Ford. 145

Indexed or abstracted by 'Cambridge Scientific Abstracts', 'Chemical Abstracts Service', 'Current Awareness in Biological Sciences', 'Current Contents', 'Geological Abstracts', 'INSPEC', 'International Bibliography of Periodical Literature', 'International Petroleum Abstracts', 'Oceanographic Literature Review', 'Science Citation Index' and 'SCISEARCH Database'

Cleaved Microgranite Dykes of the Shap Swarm in the Silurian of NW England: N. J. Soper and B. C. Kneller. 161

The Burkinian Orogenic Cycle, Precursor of the Eburnian Orogeny in West Africa: S. Lemoine, P. Tempier, J. P. Bassot, M. Caen-Vachette, Y. Vialette, S. Touré and U. Wenmenga. 171

Controls on Alluvial Architecture by Synsedimentary Faults in the Coal Measures of South Wales: A. Hartley and P. Gillespie 189

Late Ordovician Stratigraphy Northwest of the Sugarloaf, mid-Wales—a Discussion: D. M. D. James. 199

BOOK REVIEWS. 205

Issue Nos 3 & 4, July–December 1990

GRANITE

Symposium celebrating the 70th birthday of W. S. Pitcher

Preface: M. P. Atherton and M. H. Naggar 209

Wallace Spencer Pitcher: The Geologist: G. Brown. 211

Punctuated Equilibria Between Rival Concepts of Granite Genesis in the Late 18th, 19th, and Early 20th Centuries: E. Den Tex. 215

Per Migma ad Magma Downunder: A. J. R. White and B. W. Chappell 221

Granitoids: Main Petrogenetic Classifications in Relation to Origin and Tectonic Setting: B. Barbarin 227

Typology, Evolution, and Origin of the Kerguelen Plutonic Series, Indian Ocean: a Review: A. Giret 239

Use and Misuse of Geophysical Data to Determine the Shape at Depth of Granitic Intrusions: J. L. Vigneresse 249

From Orogenic to Anorogenic Settings: Evolution of Granitoid Suites After a Major Orogenesis: B. Bonin. 261

The Flamanville Granite (Northwest France): an Unequivocal Example of a Syntectonically Expanding Pluton: J. P. Brun, D. Gapais, J. P. Cogne, P. Ledru and J. L. Vigneresse 271

Granite Magmatism and Extensional Tectonics in Southern Greenland: T. N. Harrison, P. E. Brown, T. J. Dempster, D. H. W. Hutton and S. M. Becker . . 287

Granitoid Rocks and Terrane Characterization: an Example from the Northern Appalachian Orogen: S. M. Barr. 295

Syncompressional Emplacement of the Boulder and Tobacco Root Batholiths (Montana–USA) by Pull-apart Along Old Fault Zones: C. J. Schmidt, H. W. Smedes and J. M. O'Neill 305

The Rapakivi Texture of Feldspars in a Plutonic Mixing Environment: a Dissolution-recrystallization Process?: F. Bussy 319

Layering in Felsic Granites in the Main East Pluton, Hinchinbrook Island, North Queensland, Australia: P. J. Stephenson 325

The Coastal Batholith of Peru: the Product of Rapid Recycling of 'New' Crust Formed Within Rifted Continental Margin: M. P. Atherton 337

Sr–Nd Isotope Compositions of Cenozoic Granitoids Along a Traverse of the Central Peruvian Andes: P. Soler and N. Rotach–Toulhoat 351

A Sulphur Isotope Study on Selected Caledonian Granites of Britain and Ireland: R. Laouar, A. J. Boyce, A. E. Fallick and B. E. Leake 359

Desilication of Caledonian Granites in the Barnesmore Complex, Co. Donegal: the Origin and Significance of Metasomatic Syenite Bodies: C. S. Dempsey, I. G. Meighan and A. E. Fallick 371

Anorogenic Granite Evolution in Namibia—a Fluid Contribution: P. Bowden, J. A. Kinnaird, M. Diehl and F. Pirajno 381

Microgranular Enclaves as Indicators of Hybridization Processes in Granitoid Rocks, Hercynian Belt, Spain: A. Castro, I. Moreno-Ventas and J. D. de la Rosa 391

Magmatic Mafic Enclaves in Granitoids of Northern Sierra de Paimán, Argentina: M. W. Lorenc 405

Intrusion Sequences Within Ore-bearing Granitoid Plutons: M. Štemprok . 413

Textural Variation and Tin Mineralization in Granites from the Main Range Province of the Southeast Asian Tin Belt: P. E. J. Pitfield, L. H. Teoh and E. J. Cobbing 419

The Genesis of Tin–uranium Granites in the Scottish Caledonides: Implications for Metallogenesis: J. A. Plant, P. J. Henney and P. R. Simpson 431

Acid Magmatism and Related Metallogenesis in the Erzgebirge: G. Tischendorf and H.-J. Förster 443

AUTHOR INDEX 455

KEY WORD INDEX 457